

Title (en)

COLOR-SELECTIVE WAVEGUIDES FOR AUGMENTED REALITY/MIXED REALITY APPLICATIONS

Title (de)

FARBSELEKTIVE WELLENLEITER FÜR AUGMENTED-REALITY/MIXED-REALITY-ANWENDUNGEN

Title (fr)

GUIDES D'ONDES À SÉLECTION DE COULEUR POUR DES APPLICATIONS DE RÉALITÉ AUGMENTÉE/DE RÉALITÉ MIXTE

Publication

**EP 4042231 A1 20220817 (EN)**

Application

**EP 20874650 A 20201008**

Priority

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- US 201962912949 P 20191009
- US 202063057412 P 20200728
- US 2020054828 W 20201008

Abstract (en)

[origin: US2021103142A1] Color-selective waveguides, methods for fabricating color-selective waveguides, and augmented reality (AR)/mixed reality (MR) applications including color-selective waveguides are described. The color-selective waveguides can advantageously reduce or block stray light entering a waveguide (e.g., red, green, or blue waveguide), thereby reducing or eliminating back-reflection or back-scattering into the eyepiece.

IPC 8 full level

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CPC (source: CN EP US)

**B29D 11/00634** (2013.01 - EP); **B29D 11/00663** (2013.01 - EP US); **B29D 11/00769** (2013.01 - EP); **G02B 5/22** (2013.01 - US); **G02B 6/0026** (2013.01 - US); **G02B 6/0065** (2013.01 - US); **G02B 27/0025** (2013.01 - US); **G02B 27/0081** (2013.01 - US); **G02B 27/0101** (2013.01 - CN); **G02B 27/0172** (2013.01 - EP); **G02B 27/4272** (2013.01 - EP); **B29K 2995/002** (2013.01 - US)

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